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Group Art Unit 3721

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#3

Patent Application of

Charles Louis Schmidt V

Serial No. 09/412,256

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Examiner: S. Tawfik

SEPARATOR FINGER APPARATUS AND
METHOD

I, Nilsa Zapata, hereby certify that this correspondence is being deposited with the US Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231, on the date of my signature.

Nilsa Zapata
Signature

5-25-00
Date of Signature

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR §1.97(c)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A and copies of which are attached. This Statement is also being accompanied by a check in payment of the \$240.00 fee required under 37 CFR §1.17(p). Please charge or credit Deposit Account No. 13-3080 with any shortage or overpayment of the required fee.

The Applicant reserves its rights under 37 CFR 1.131 to swear behind any of the listed references.

Respectfully submitted,

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File No. 19384/9069

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STATEMENTS OF RELEVANCE FOR
C.G. BRETTING'S SEPARATOR FINGER APPARATUS AND METHOD
19384/9069

AT 219396

Austrian Patent No. 219396 appears to disclose an apparatus that produces a stack of interfolded paper tissues in an alternating zig-zag pattern. The apparatus includes two separators that are located within a grooved slot in each cutter roller. The cutter rollers are responsible for cutting the web into tissues of a desired length. The separators separate the cut tissue from the rollers and alternately position the tissues in an overlapping manner.

DE 372031

German Patent No. 372031 appears to disclose an apparatus that produces a stack of interfolded paper tissues in an alternating zig-zag pattern by using two independent separator fingers that are mounted so as to pivot about a moveable axis. The separator fingers alternately separate the web from the cutter rollers from a grooved slot within the rollers that is not concentric about the roller axis.

DE 442935

German Patent No. 442935 appears to disclose an apparatus that performs cutting and folding operations on a paper web, specifically a paper web used for generating newspapers. After the web is cut to length between the cutter rollers to create a sheet, the apparatus performs a series of folds. Specifically, the sheet is initially folded in half, then the half-folded sheet is folded into thirds along a fold line parallel to the initial fold line, and finally the folded sheet is folded in half along a fold line perpendicular the initial fold line.

DE 719833

German Patent No. 321873 appears to disclose an apparatus that cuts a web of paper into narrower strips and then distributes the two narrower webs that are folded over themselves to the next series of rollers, doubling the layer thickness of the narrowed webs. The two separated narrowed webs are then combined between more rollers to create a four-ply web. This combined web is then cut into suitable lengths by the cutting cylinders and folded with a suitable tucking blade and delivered to the fly-delivery wheel.

IT 646301

Italian Patent No. 646301 appears to disclose a horizontal stacking apparatus that includes a series of dividers projectable into the stacking path to deliver a desired number of sheets through the path of the machine wherein the dividers are mounted for cyclical motion on a chain drive system.

SE 116974

Swedish Patent No. 116974 appears to disclose an apparatus that manipulates a web of material to increase its layer thickness and cut and fold the modified multiple-layered web. The cutting roller cuts the multilayered-web into the desired sheet size and then folds the sheets by radially projecting a finger from the cutting roller into the center of the sheet translating the sheet center between two folding rollers.

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